

## INDUSTRIAL COMPONENT DATA

# NX-OD5121-1 NX020108E NXOD51211 OMRON Unit NX 16 Outputs NPN Standard Terminals Screw, 30mm

Brand: OMRON | Manufacturer Part Number: NX-OD5121-1



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | OMRON                                             |
| MPN / Reference | NX-OD5121-1                                       |
| Catalog number  | NXOD51211                                         |
| Category        | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order   | 1 Pcs                                             |
| Document ID     | EO-405A1C8269                                     |
| Generated       | 2026-08-05                                        |

## Product Overview

Unit NX - 16 Outputs NPN Standard - Terminals Screw, 30mm

16 Digital Outputs, Standard speed, NPN 24 VDC, 0.5 A/point, 5 A/NX Unit, screw connector, 30 mm wide

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path OMRON &gt; Integrated Automation &gt; Machine I/O NX-series

## Additional Product Information

I/O systemNX I/O BusType of moduleDigital I/ONumber of digital inputs0Digital input typeNoneOFF/ON delay0.1-0.8 msNumber of digital outputs16Digital output typeNPNPermitted voltage at output10.2-28.8 VOutput current0.5 AShort-circuit protected outputsConnection method1-wireSignal processingFree running, Standard speed, SynchronousIO-Link masterI/O connection typeScrewNumber of I/O connectors1Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneCommunication port(s)NoneNumber of IOV (V+) terminals1Number of IOG (V-) terminals1Number of COM terminals0Degree of protection (IP)IP20Product Height (unpacked)100 mmProduct Width (unpacked)30 mmProduct Depth (unpacked)95 mmProduct Weight (unpacked)125 g  
ETIM for 645661 PLC's (EC001599)  
Feature Name  
Feature Value  
Type of output voltage (EF008222)  
DC  
Degree of protection (IP) (EF005474)  
IP20

Performance level according to EN ISO 13849-1 (EF007399)

Level a

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Type of voltage (input voltage) (EF003033)

DC

Type of digital output (EF003601)

Transistor

Type of electric connection (EF003961)

Screw connection

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for SERCOS (EF00665...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-OD5121-1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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